

WHAT IS CLAIMED IS:

1. A combination of a blade and a blade clamping device for
jig saws, comprising:

a drive shaft;

5 a holder connected to a lower end of the drive shaft and having
an engaging surface defined in an outer surface thereof,

two first side rails extending from two sides of the engaging
surface so as to define a recess therebetween, two second side rails
located in alignment with the first side rails on the engaging surface of
10 the holder and a notch is defined between the aligned first side rails and
the second side rails, a lug extending radially outward from the holder;

a C-shaped clamping member pivotally connected to the lug by
a pin extending through two ends of the clamping member and the lug,
an angle larger than 90 degrees being clamped between an axis of the pin
15 and a plane of the recess, a pressing member extending from an inside of
the clamping member and facing the inside of the recess of the holder, a
gap defined between an end surface of the pressing member and the
inside of the recess, a positioning member for securely positioning the
clamping member onto the holder, and

20 a blade having two flat opposite surface and two wings
extending from two sides of the blade, a top end of the blade being
received in the recess between the first side rails and the second side rails
of the holder, the two wings of the blade engaged with the notches

between the aligned first side rails and the second side rails, an end surface of the pressing member being in contact with one of the flat opposite surfaces of the blade.

2. The combination as claimed in claim 1 wherein the
5 positioning member is a torsion spring mounted to the pin, a first end of the torsion spring engaged with the lug and a second end of the torsion spring engaged with the inside of the clamping member.

3. The combination as claimed in claim 2 further comprising a notch defined in a lower end of the lug so that the first end of the torsion
10 spring is engaged with the notch, a protrusion extending from the inside of the clamping member and the second end of the torsion spring being engaged with the protrusion.

4. The combination as claimed in claim 1, wherein the clamping member is composed of a first part and a second part, two
15 respective first ends of the first part and the second part connected together by a screw and two respective second ends of the first part and the second part pivotally connected to the lug by the pin.

5. The combination as claimed in claim 1, wherein the end surface of the protrusion member is a flat surface.

20 6. The combination as claimed in claim 1, wherein the gap defined between an end surface of the pressing member and the inside of the recess varies when pivoting the clamping member about the pin.